

## VI. Annual Pretreatment Program Data

### 2008 Annual Pretreatment Program Sludge Analysis (QUARTERLY SLUDGE PROJECT)

#### SOUTH BAY WATER RECLAMATION PLANT Order No. 2006-067 NPDES Permit No.CA0109045

The Quarterly Sludge Project is part of the South Bay WRP NPDES (Permit No. CA0109045/Order No. 2006-067) monitoring requirements for the Metropolitan Sewerage System. The sampling plan is designed so as to provide a “snapshot” of all of the physical and chemical characteristics monitored of the wastewater treatment waste streams for a short interval of time (1-2 days). This is conducted quarterly.

The Quarterly Sludge Project was conducted four times during 2008, composite sampling on February 12, May 13, August 12, and October 07. In February and May grab samples were taken the second day from each on-going waste stream. Monthly composite samples of MBC dewatered sludge (belt-press dewatered) during the respective calendar months were taken and analyzed for a similar suite of parameters. The tables showing the results of these analyses follow in this section. Results relative to the Pt. Loma WWTP or North City Water Reclamation Plant are in the respective annual reports for those facilities.

\* pH, Grease & Oils, temperature, and conductivity are determined from grab samples.

#### Abbreviations:

SB_INF_02	SBWRP influent.
SB_OUTFALL_00	SBWRP effluent.
SB_ITP_COMB_EFF	SBWRP & IWTP combined effluent
SB_REC_WATER_34	SBWRP reclaim water
SB_PRIEFF_10	Primary Effluent
SB_SEC_EFF_29	Secondary effluent
SB_RSL_10	Primary Sed Tank to Sludge Line

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals

From 01-JAN-2008 to 31-DEC-2008

Source: Date:			INFLUENT 12-FEB-2008	INFLUENT 13-FEB-2008	INFLUENT 13-MAY-2008	INFLUENT 14-MAY-2008	INFLUENT 12-AUG-2008
	MDL	Units	Comp	Grab	Comp	Grab	
=====	====	====	=====	=====	=====	=====	=====
BOD	2	MG/L	314		337		344
Total Suspended Solids	1.4	MG/L	292		305		274
Volatile Suspended Solids	1.6	MG/L	250		267		242
Total Dissolved Solids	28	MG/L	1010		926		908
pH		PH		7.9		8.0	7.7
Settleable Solids	.1	ML/L		18.0		20.0	17.0
Turbidity	.13	NTU	151		178		194
Total Kjeldahl Nitrogen	1.6	MG/L	47.3		52.7		48.7
Chlorine Residual, Total	.03	MG/L	NR		NR		NR
Ammonia-N	.3	MG/L	29.8		33.8		36.1
Total Alkalinity (bicarbonate)	20	MG/L	307		331		345
Calcium Hardness	.1	MG/L	190		173		170
Magnesium Hardness	.4	MG/L	136		127		135
Total Hardness	.4	MG/L	326		301		305
Aluminum	47	UG/L	968		929		957
Antimony	2.9	UG/L	ND		ND		ND
Arsenic	.4	UG/L	0.72		0.89		0.78
Barium	.039	UG/L	83.5		81.4		95.6
Beryllium	.022	UG/L	ND		ND		ND
Boron	1.7	UG/L	285		293		346
Cadmium	.53	UG/L	ND		ND		<0.5
Chromium	1.2	UG/L	2.3		2.4		2.5
Cobalt	.85	UG/L	ND		ND		ND
Copper	.63	UG/L	49.0		62.2		80.4
Iron	37	UG/L	487		565		495
Lead	2	UG/L	ND		ND		2.1
Manganese	.24	UG/L	49.8		40.6		38.5
Mercury	.09	UG/L	0.2		0.2		ND
Molybdenum	.89	UG/L	4.9		8.2		7.7
Nickel	.53	UG/L	3.7		6.1		14.5
Selenium	.28	UG/L	1.50		1.53		1.51
Silver	.4	UG/L	ND		2.7		1.4
Thallium	3.9	UG/L	3.9		ND		ND
Vanadium	.64	UG/L	1.0		1.9		1.5
Zinc	.41	UG/L	118		136		168
Bromide	.1	MG/L	0.49		0.40		0.39
Chloride	7	MG/L	231		216		230
Fluoride	.05	MG/L	0.60		0.52		0.62
Nitrate	.04	MG/L	ND		0.45		0.20
Ortho Phosphate	.2	MG/L	10.9		13.1		13.7
Sulfate	9	MG/L	161		145.0		160
Calcium	.04	MG/L	75.9		69.4		68.3
Lithium	.002	MG/L	0.03		0.03		0.03
Magnesium	.1	MG/L	33.1		31.0		32.7
Potassium	.3	MG/L	19.3		21.4		22.2
Sodium	1	MG/L	193		183		189
Cyanides, Total	.002	MG/L	ND		ND		ND
Sulfides-Total	.18	MG/L	4.97		2.81		2.11

ND= Not Detected

NA= Not Analyzed

NS= Not Sampled

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals

From 01-JAN-2008 to 31-DEC-2008

Source:			INFLUENT	EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Date:			07-OCT-2008	12-FEB-2008	13-FEB-2008	13-MAY-2008	14-MAY-2008
	MDL	Units		Comp	Grab	Comp	Grab
=====	=====	=====	=====	=====	=====	=====	=====
BOD	2	MG/L	329	9.6		127	
Total Suspended Solids	1.4	MG/L	234	5.8		45.0	
Volatile Suspended Solids	1.6	MG/L	204	4.9		36.0	
Total Dissolved Solids	28	MG/L	1040	933		1360	
pH		PH	7.8		7.4		7.4
Settleable Solids	.1	ML/L	22.0		ND		ND
Turbidity	.13	NTU	202	2.2		35.1	
Total Kjeldahl Nitrogen	1.6	MG/L	52.8	ND		46.6	
Chlorine Residual, Total	.03	MG/L	NR		0.07		ND
Ammonia-N	.3	MG/L	33.8	ND		41.5	
Total Alkalinity (bicarbonate)	20	MG/L	343	162		362	
Calcium Hardness	.1	MG/L	206	189		251	
Magnesium Hardness	.4	MG/L	155	130		186	
Total Hardness	.4	MG/L	361	318		438	
Aluminum	47	UG/L	994	208		318	
Antimony	2.9	UG/L	ND	ND		ND	
Arsenic	.4	UG/L	1.00	0.54		2.19	
Barium	.039	UG/L	97.6	59.8		28.9	
Beryllium	.022	UG/L	ND	ND		ND	
Boron	1.7	UG/L	335	340		445	
Cadmium	.53	UG/L	<0.5	ND		ND	
Chromium	1.2	UG/L	3.2	1.7		3.2	
Cobalt	.85	UG/L	ND	2.5		1.1	
Copper	.63	UG/L	61.6	8.3		33.6	
Iron	37	UG/L	432	57.5		1930	
Lead	2	UG/L	8.4	ND		ND	
Manganese	.24	UG/L	35.1	21.8		134	
Mercury	.09	UG/L	0.1	ND		ND	
Molybdenum	.89	UG/L	6.8	3.3		10.4	
Nickel	.53	UG/L	8.1	1.9		18.5	
Selenium	.28	UG/L	1.04	0.59		2.48	
Silver	.4	UG/L	0.8	ND		ND	
Thallium	3.9	UG/L	ND	<3.9		ND	
Vanadium	.64	UG/L	ND	0.8		2.2	
Zinc	.41	UG/L	156	42.7		38.6	
Bromide	.1	MG/L	0.34	0.48		0.52	
Chloride	7	MG/L	237	244		354	
Fluoride	.05	MG/L	0.61	0.61		0.75	
Nitrate	.04	MG/L	0.145*	24.6		ND	
Ortho Phosphate	.2	MG/L	14.9^	4.2		5.3	
Sulfate	9	MG/L	159	192		374	
Calcium	.04	MG/L	82.4	75.5		101	
Lithium	.002	MG/L	0.04	0.03		0.07	
Magnesium	.1	MG/L	37.7	31.5		45.3	
Potassium	.3	MG/L	25.9	17.9		26.9	
Sodium	1	MG/L	230	201		347	
Cyanides, Total	.002	MG/L	ND	ND		0.005	
Sulfides-Total	.18	MG/L	6.41	ND		ND	

\* = Check Sample recovery was less than the 90% lower acceptance limit. External check recovery was 89% of true value.

^ = Check Sample recovery was greater than the 110% upper acceptance limit. External check recovery ranged from 113% to 121% of true value.

ND= Not Detected

NA= Not Analyzed

NS= Not Sampled

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals

From 01-JAN-2008 to 31-DEC-2008

Source:			EFFLUENT	EFFLUENT
Date:			12-AUG-2008	07-OCT-2008
	MDL	Units		
=====	=====	=====	=====	=====
BOD	2	MG/L	66.3	3.7
Total Suspended Solids	1.4	MG/L	9.6	3.6
Volatile Suspended Solids	1.6	MG/L	8.8	2.8
Total Dissolved Solids	28	MG/L	NR	NR
pH		PH	8.0	7.6
Settleable Solids	.1	ML/L	ND	ND
Turbidity	.13	NTU	105	1.7
Total Kjeldahl Nitrogen	1.6	MG/L	31.9	2.3
Chlorine Residual, Total	.03	MG/L	ND	0.04
Ammonia-N	.3	MG/L	25.9	ND
Total Alkalinity (bicarbonate)	20	MG/L	352	167
Calcium Hardness	.1	MG/L	202	203
Magnesium Hardness	.4	MG/L	162	147
Total Hardness	.4	MG/L	364	350
Aluminum	47	UG/L	134	123
Antimony	2.9	UG/L	ND	ND
Arsenic	.4	UG/L	1.57	0.69
Barium	.039	UG/L	42.3	64.6
Beryllium	.022	UG/L	ND	ND
Boron	1.7	UG/L	409	379
Cadmium	.53	UG/L	ND	ND
Chromium	1.2	UG/L	2.1	ND
Cobalt	.85	UG/L	ND	ND
Copper	.63	UG/L	15.8	9.7
Iron	37	UG/L	952	<37.0
Lead	2	UG/L	ND	ND
Manganese	.24	UG/L	92.5	17.6
Mercury	.09	UG/L	ND	ND
Molybdenum	.89	UG/L	5.2	3.1
Nickel	.53	UG/L	12.7	4.1
Selenium	.28	UG/L	1.18	ND
Silver	.4	UG/L	ND	ND
Thallium	3.9	UG/L	ND	ND
Vanadium	.64	UG/L	0.8	ND
Zinc	.41	UG/L	29.9	37.7
Bromide	.1	MG/L	0.46	0.33
Chloride	7	MG/L	315	230
Fluoride	.05	MG/L	0.74	0.55
Nitrate	.04	MG/L	0.16	26.3*
Ortho Phosphate	.2	MG/L	11.3	9.02^
Sulfate	9	MG/L	237	205
Calcium	.04	MG/L	80.9	81.5
Lithium	.002	MG/L	0.06	0.04
Magnesium	.1	MG/L	39.4	35.7
Potassium	.3	MG/L	23.4	22.3
Sodium	1	MG/L	272	220
Cyanides, Total	.002	MG/L	ND	ND
Sulfides-Total	.18	MG/L	5.26	ND

\* = Check Sample recovery was less than the 90% lower acceptance limit. External check recovery was 89% of true value.

^ = Check Sample recovery was greater than the 110% upper acceptance limit. External check recovery ranged from 113% to 121% of true value.

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NA= Not Analyzed

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Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals  
From 01-JAN-2008 to 31-DEC-2008

Source:			COMB EFF	COMB EFF	COMB EFF	COMB EFF	COMB EFF
Date:			12-FEB-2008	13-FEB-2008	13-MAY-2008	14-MAY-2008	12-AUG-2008
	MDL	Units	Comp	Grab	Comp	Grab	
=====	=====	=====	=====	=====	=====	=====	=====
BOD	2	MG/L	146		147		126
Total Suspended Solids	1.4	MG/L	46.7		47.0		51.0
Volatile Suspended Solids	1.6	MG/L	35.0		39.0		41.0
Total Dissolved Solids	28	MG/L	1400		1480		1390
pH		PH		7.3		7.5	7.5
Settleable Solids	.1	ML/L		9.5		2.5	0.4
Turbidity	.13	NTU	23.6		36.1		39.3
Total Kjeldahl Nitrogen	1.6	MG/L	46.9		55.6		51.0
Chlorine Residual, Total	.03	MG/L	0.08	ND		ND	ND
Ammonia-N	.3	MG/L	35.4		46.3		42.3
Total Alkalinity (bicarbonate)	20	MG/L	308		388		350
Calcium Hardness	.1	MG/L	246		255		230
Magnesium Hardness	.4	MG/L	176		193		195
Total Hardness	.4	MG/L	421		448		425
Aluminum	47	UG/L	253		270		183
Antimony	2.9	UG/L	ND		ND		3.0
Arsenic	.4	UG/L	1.24		1.95		2.22
Barium	.039	UG/L	31.2		24.3		23.8
Beryllium	.022	UG/L	ND		ND		ND
Boron	1.7	UG/L	528		444		500
Cadmium	.53	UG/L	ND		ND		ND
Chromium	1.2	UG/L	5.0		2.7		3.5
Cobalt	.85	UG/L	1.6		1.1		ND
Copper	.63	UG/L	26.0		42.9		20.6
Iron	37	UG/L	1870		1680		2430
Lead	2	UG/L	ND		ND		ND
Manganese	.24	UG/L	81.4		133		111
Mercury	.09	UG/L	ND		ND		ND
Molybdenum	.89	UG/L	7.5		9.7		10.3
Nickel	.53	UG/L	189		32.5		24.0
Selenium	.28	UG/L	1.73		1.79		1.98
Silver	.4	UG/L	ND		ND		0.5
Thallium	3.9	UG/L	ND		ND		ND
Vanadium	.64	UG/L	1.1		2.0		0.9
Zinc	.41	UG/L	71.5		43.1		31.1
Bromide	.1	MG/L	0.40		0.58		0.49
Chloride	7	MG/L	339		374		388
Fluoride	.05	MG/L	0.65		0.72		0.81
Nitrate	.04	MG/L	4.31		ND		ND
Ortho Phosphate	.2	MG/L	2.9		5.3		7.4
Sulfate	9	MG/L	353		366.0		380
Calcium	.04	MG/L	98.4		102.0		92.0
Lithium	.002	MG/L	0.07		0.07		0.08
Magnesium	.1	MG/L	42.6		46.8		47.3
Potassium	.3	MG/L	24.8		27.1		27.0
Sodium	1	MG/L	315		343.0		356
Cyanides, Total	.002	MG/L	0.005		0.014		0.004
Sulfides-Total	.18	MG/L	0.40		0.61		ND

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SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals  
From 01-JAN-2008 to 31-DEC-2008

Source:			COMB EFF	PRI EFF	PRI EFF	PRI EFF	PRI EFF
Date:			07-OCT-2008	12-FEB-2008	13-FEB-2008	13-MAY-2008	14-MAY-2008
	MDL	Units		Comp	Grab	Comp	Grab
=====	=====	=====	=====	=====	=====	=====	=====
BOD	2	MG/L	126	164		174	
Total Suspended Solids	1.4	MG/L	44.3	104		194	
Volatile Suspended Solids	1.6	MG/L	27.1	86.0		172	
Total Dissolved Solids	28	MG/L	1410	972		942	
pH		PH	7.6		7.7		7.9
Settleable Solids	.1	ML/L	0.5		0.6		1.3
Turbidity	.13	NTU	35.5	88.4		44.9	
Total Kjeldahl Nitrogen	1.6	MG/L	45.5	40.0		43.6	
Chlorine Residual, Total	.03	MG/L	ND	NR		NR	
Ammonia-N	.3	MG/L	35.8	24.5		23.9	
Total Alkalinity (bicarbonate)	20	MG/L	328	276		236	
Calcium Hardness	.1	MG/L	241	189		193	
Magnesium Hardness	.4	MG/L	192	135		127	
Total Hardness	.4	MG/L	433	323		320	
Aluminum	47	UG/L	220	530		872	
Antimony	2.9	UG/L	ND	ND		ND	
Arsenic	.4	UG/L	2.55	0.62		0.88	
Barium	.039	UG/L	32.2	65.6		78.9	
Beryllium	.022	UG/L	ND	ND		ND	
Boron	1.7	UG/L	463	289		377	
Cadmium	.53	UG/L	ND	ND		ND	
Chromium	1.2	UG/L	1.8	1.6		2.8	
Cobalt	.85	UG/L	ND	1.1		ND	
Copper	.63	UG/L	23.1	39.3		63.3	
Iron	37	UG/L	1510	259		440	
Lead	2	UG/L	ND	ND		2.0	
Manganese	.24	UG/L	101	58.4		54.5	
Mercury	.09	UG/L	ND	ND		0.1	
Molybdenum	.89	UG/L	8.8	4.2		5.8	
Nickel	.53	UG/L	26.5	3.0		4.9	
Selenium	.28	UG/L	1.36	1.10		0.99	
Silver	.4	UG/L	1.8	ND		0.9	
Thallium	3.9	UG/L	ND	4.5		ND	
Vanadium	.64	UG/L	0.7	ND		0.7	
Zinc	.41	UG/L	33.2	74.0		103	
Bromide	.1	MG/L	0.45	0.52		0.37	
Chloride	7	MG/L	361	246		211	
Fluoride	.05	MG/L	0.81	0.59		0.60	
Nitrate	.04	MG/L	0.555*	ND		ND	
Ortho Phosphate	.2	MG/L	8.43^	9.8		13.1	
Sulfate	9	MG/L	356	189		160	
Calcium	.04	MG/L	96.5	75.6		77.3	
Lithium	.002	MG/L	0.08	0.03		0.04	
Magnesium	.1	MG/L	46.6	32.7		30.9	
Potassium	.3	MG/L	25.9	19.6		23.5	
Sodium	1	MG/L	326	206		191	
Cyanides, Total	.002	MG/L	0.007	ND		ND	
Sulfides-Total	.18	MG/L	ND	ND		2.32	

\* = Check Sample recovery was less than the 90% lower acceptance limit. External check recovery was 89% of true value.

^ = Check Sample recovery was greater than the 110% upper acceptance limit. External check recovery ranged from 113% to 121% of true value.

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Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals

From 01-JAN-2008 to 31-DEC-2008

Source:			PRI EFF	PRI EFF	SEC EFF	SEC EFF	SEC EFF
Date:			12-AUG-2008	07-OCT-2008	12-FEB-2008	13-FEB-2008	13-MAY-2008
	MDL	Units			Comp	Grab	Comp
=====	=====	=====	=====	=====	=====	=====	=====
BOD	2	MG/L	161	137	7.7		13.0
Total Suspended Solids	1.4	MG/L	140	116	8.4		12.8
Volatile Suspended Solids	1.6	MG/L	123	108	7.0		10.7
Total Dissolved Solids	28	MG/L	914	702	920		866
pH		PH	7.7	7.8		7.2	
Settleable Solids	.1	ML/L	9.0	1.5		ND	
Turbidity	.13	NTU	92.9	83.2	2.7		3.6
Total Kjeldahl Nitrogen	1.6	MG/L	43.7	46.4	2.7		2.5
Chlorine Residual, Total	.03	MG/L	NR	NR	NR		NR
Ammonia-N	.3	MG/L	29.7	32.2	ND		ND
Total Alkalinity (bicarbonate)	20	MG/L	290	314	155		159
Calcium Hardness	.1	MG/L	183	215	188		169
Magnesium Hardness	.4	MG/L	141	157	131		119
Total Hardness	.4	MG/L	324	372	319		288
Aluminum	47	UG/L	499	552	231		230
Antimony	2.9	UG/L	ND	ND	ND		ND
Arsenic	.4	UG/L	0.73	0.91	0.48		0.70
Barium	.039	UG/L	79.6	86.4	50.2		52.5
Beryllium	.022	UG/L	ND	ND	ND		ND
Boron	1.7	UG/L	345	311	337		335
Cadmium	.53	UG/L	ND	ND	ND		ND
Chromium	1.2	UG/L	1.5	1.9	ND		ND
Cobalt	.85	UG/L	ND	ND	ND		ND
Copper	.63	UG/L	56.2	47.5	7.9		11.4
Iron	37	UG/L	252	313	74.0		81.0
Lead	2	UG/L	ND	ND	ND		ND
Manganese	.24	UG/L	35.4	31.7	19.0		47.5
Mercury	.09	UG/L	ND	ND	ND		ND
Molybdenum	.89	UG/L	7.0	5.0	3.5		4.7
Nickel	.53	UG/L	9.2	9.2	3.3		3.5
Selenium	.28	UG/L	1.06	0.90	0.63		0.51
Silver	.4	UG/L	0.8	0.6	ND		ND
Thallium	3.9	UG/L	ND	ND	ND		ND
Vanadium	.64	UG/L	0.7	ND	ND		1.0
Zinc	.41	UG/L	101	87.0	32.4		32.3
Bromide	.1	MG/L	0.40	0.35	0.49		0.38
Chloride	7	MG/L	240	251	246		217
Fluoride	.05	MG/L	0.67	0.63	0.60		0.60
Nitrate	.04	MG/L	0.92	0.148*	26.8		30.6
Ortho Phosphate	.2	MG/L	11.1	12.5^	3.2		5.9
Sulfate	9	MG/L	201	204	192		180
Calcium	.04	MG/L	73.5	85.9	75.3		67.9
Lithium	.002	MG/L	0.04	0.04	0.03		0.03
Magnesium	.1	MG/L	34.2	38.1	31.9		28.8
Potassium	.3	MG/L	22.4	23.7	17.8		19.2
Sodium	1	MG/L	212	236	202		182
Cyanides, Total	.002	MG/L	0.002	ND	ND		ND
Sulfides-Total	.18	MG/L	ND	ND	ND		ND

\* = Check Sample recovery was less than the 90% lower acceptance limit. External check recovery was 89% of true value.

^ = Check Sample recovery was greater than the 110% upper acceptance limit. External check recovery ranged from 113% to 121% of true value.

ND= Not Detected

NA= Not Analyzed

NS= Not Sampled

Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals

From 01-JAN-2008 to 31-DEC-2008

Source:			SEC_EFF	SEC_EFF	SEC_EFF	RAW SLUDGE	RAW SLUDGE
Date:			14-MAY-2008	12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008
	MDL	Units	Grab				
=====	=====	=====	=====	=====	=====	=====	=====
BOD	2	MG/L		9.9	NA*	NR	NR
Total Suspended Solids	1.4	MG/L		10.0	NA*	NR	NR
Volatile Suspended Solids	1.6	MG/L		8.8	NA*	NR	NR
Total Dissolved Solids	28	MG/L		932	NA*	NR	NR
pH		PH	7.5	7.5	7.5	6.9	6.9
Settleable Solids	.1	ML/L	ND	ND	ND	NR	NR
Turbidity	.13	NTU		3.6	NA*	NR	NR
Total Kjeldahl Nitrogen	1.6	MG/L		2.7	2.3	273.0	361.0
Chlorine Residual, Total	.03	MG/L		NR	NA*	NR	NR
Ammonia-N	.3	MG/L		0.7	NA*	NR	NR
Total Alkalinity (bicarbonate)	20	MG/L		166	NA*	577	740
Calcium Hardness	.1	MG/L		169	211	NR	NR
Magnesium Hardness	.4	MG/L		131	154	NR	NR
Total Hardness	.4	MG/L		300	365	NR	NR
Aluminum	47	UG/L		136	140	25100	5080
Antimony	2.9	UG/L		ND	ND	13.0	ND
Arsenic	.4	UG/L		0.56	0.44	5.42	7.77
Barium	.039	UG/L		54.0	63.6	1000	253
Beryllium	.022	UG/L		ND	ND	ND	0.12
Boron	1.7	UG/L		347	366	391	155
Cadmium	.53	UG/L		ND	ND	5.0	ND
Chromium	1.2	UG/L		ND	1.7	92.6	20.1
Cobalt	.85	UG/L		ND	ND	5.6	1.6
Copper	.63	UG/L		16.8	17.2	1120	362
Iron	37	UG/L		58.0	ND	20200	27700
Lead	2	UG/L		ND	ND	88.5	4.7
Manganese	.24	UG/L		23.9	16.4	457.0	218.0
Mercury	.09	UG/L		ND	ND	1.5	4.9
Molybdenum	.89	UG/L		4.4	3.3	38.0	10.5
Nickel	.53	UG/L		5.3	4.8	74.2	19.0
Selenium	.28	UG/L		0.41	0.46	19.9	15.9
Silver	.4	UG/L		ND	ND	28.6	13.9
Thallium	3.9	UG/L		ND	ND	14.9	ND
Vanadium	.64	UG/L		ND	ND	30.9	5.8
Zinc	.41	UG/L		35.9	38.9	2990	455
Bromide	.1	MG/L		0.40	0.32	0.56	0.31
Chloride	7	MG/L		239	229	249	224
Fluoride	.05	MG/L		0.67	0.63	0.44	0.40
Nitrate	.04	MG/L		24.6	25.6#	0.27	0.31
Ortho Phosphate	.2	MG/L		9.9	9.56^	30.9	46.0
Sulfate	9	MG/L		190	205	107	47.7
Calcium	.04	MG/L		67.6	84.5	94.6	106
Lithium	.002	MG/L		0.03	0.04	0.04	0.03
Magnesium	.1	MG/L		31.8	37.3	37.0	38.8
Potassium	.3	MG/L		19.6	23.6	25.9	32.8
Sodium	1	MG/L		192	229	216	200
Cyanides, Total	.002	MG/L		0.002	ND	ND	0.003
Sulfides-Total	.18	MG/L		ND	ND	18.1	33.4

\* = Insufficient sample volume.

# = Check Sample recovery was less than the 90% lower acceptance limit. External check recovery was 89% of true value.

^ = Check Sample recovery was greater than the 110% upper acceptance limit. External check recovery ranged from 113% to 121% of true value.

ND= Not Detected

NA= Not Analyzed

NS= Not Sampled

Chromium results are for Total Chromium



SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Daily Parameters and Metals

From 01-JAN-2008 to 31-DEC-2008

Source: RAW SLUDGE RAW SLUDGE  
Date: 12-AUG-2008 07-OCT-2008

	MDL	Units		
=====	=====		=====	=====
BOD	2	MG/L	NR	NR
Total Suspended Solids	1.4	MG/L	NR	NR
Volatile Suspended Solids	1.6	MG/L	NR	NR
Total Dissolved Solids	28	MG/L	NR	NR
pH		PH	6.8	6.8
Settleable Solids	.1	ML/L	NR	NR
Turbidity	.13	NTU	NR	NR
Total Kjeldahl Nitrogen	1.6	MG/L	307	480
Chlorine Residual, Total	.03	MG/L	NR	NR
Ammonia-N	.3	MG/L	NR	NR
Total Alkalinity (bicarbonate)	20	MG/L	778	948
Calcium Hardness	.1	MG/L	NR	NR
Magnesium Hardness	.4	MG/L	NR	NR
Total Hardness	.4	MG/L	NR	NR
Aluminum	47	UG/L	28100	27500
Antimony	2.9	UG/L	21.6	9.7
Arsenic	.4	UG/L	10.8	9.04
Barium	.039	UG/L	1240	1030
Beryllium	.022	UG/L	0.15	0.03
Boron	1.7	UG/L	403.0	385.0
Cadmium	.53	UG/L	5.1	5.1
Chromium	1.2	UG/L	92.9	95.5
Cobalt	.85	UG/L	7.2	8.6
Copper	.63	UG/L	1450	157
Iron	37	UG/L	20400	19300
Lead	2	UG/L	88.8	72.1
Manganese	.24	UG/L	425	430
Mercury	.09	UG/L	3.0	8.9
Molybdenum	.89	UG/L	60.5	74.5
Nickel	.53	UG/L	90.3	127
Selenium	.28	UG/L	ND	ND
Silver	.4	UG/L	24.4	21.5
Thallium	3.9	UG/L	7.9	4.1
Vanadium	.64	UG/L	31.2	30.5
Zinc	.41	UG/L	3540	3410
Bromide	.1	MG/L	0.39	0.30
Chloride	7	MG/L	229	249
Fluoride	.05	MG/L	0.49	0.37
Nitrate	.04	MG/L	0.20	ND*
Ortho Phosphate	.2	MG/L	47.1	53.9^
Sulfate	9	MG/L	54.8	43.3
Calcium	.04	MG/L	97.1	112
Lithium	.002	MG/L	0.03	0.04
Magnesium	.1	MG/L	38.2	49.8
Potassium	.3	MG/L	30.5	44.9
Sodium	1	MG/L	191	243
Cyanides, Total	.002	MG/L	0.005	0.004
Sulfides-Total	.18	MG/L	37.4	53.8

\* = Check Sample recovery was less than the 90% lower acceptance limit. External check recovery was 89% of true value.

^ = Check Sample recovery was greater than the 110% upper acceptance limit. External check recovery ranged from 113% to 121% of true value.

ND= Not Detected

NA= Not Analyzed

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Chromium results are for Total Chromium

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Ammonia-Nitrogen and Total Cyanides

From 01-JAN-2008 to 31-DEC-2008

Total Cyanide, MDL=0.002 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
Limit:					
=====	=====	=====	=====	=====	=====
12-FEB-2008	ND	ND	0.005	ND	ND
13-MAY-2008	ND	0.005	0.014	ND	ND
12-AUG-2008	ND	ND	0.004	0.002	0.002
07-OCT-2008	ND	ND	0.007	ND	ND
=====	=====	=====	=====	=====	=====
AVERAGE	ND	0.001	0.008	0.001	0.001

	RSL
Limit:	
=====	=====
12-FEB-2008	ND
13-MAY-2008	0.003
12-AUG-2008	0.005
07-OCT-2008	0.004
=====	=====
AVERAGE	0.003

Ammonia as Nitrogen, MDL=0.3 mg/L

	INFLUENT	EFFLUENT	COMB EFF	PRI EFF	SEC EFF
Limit:					
=====	=====	=====	=====	=====	=====
12-FEB-2008	29.8	ND	35.4	24.5	ND
13-MAY-2008	33.8	41.5	46.3	23.9	ND
12-AUG-2008	36.1	25.9	42.3	29.7	0.650
07-OCT-2008	33.8	ND	35.8	32.2	NA*
=====	=====	=====	=====	=====	=====
AVERAGE	33.4	16.9	40.0	27.6	0.217

\* = Insufficient sample volume.

ND= Not Detected  
NA= Not Analyzed  
NS= Not Sampled

INFLUENT = SB\_INF\_02  
EFFLUENT = SB\_OUTFALL\_00

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Radioactivity

From 01-JAN-2008 to 31-DEC-2008

Analyzed by: TestAmerica Laboratories Richland

Source	Sample Date	Sample ID	Gross Alpha Radiation	Gross Beta Radiation
=====	=====	=====	=====	=====
INFLUENT	12-FEB-2008	P414553	2.6±1.3	17.3±3.9
INFLUENT	13-MAY-2008	P424842	4.3±1.8	20.9±4.2
INFLUENT	12-AUG-2008	P435068	3.8±2.5	21.7±4.5
INFLUENT	07-OCT-2008	P443470	2.7±1.9	19.3±4.9
EFFLUENT	12-FEB-2008	P414558	1.7±1.1	15.2±3.3
EFFLUENT	13-MAY-2008	P424847	1.8±1.1	25.3±5.5
EFFLUENT	12-AUG-2008	P435073	2.1±2.2	23.5±5.4
EFFLUENT	07-OCT-2008	P443475	1.1±1.4	19.4±4.1
COMB EFF	12-FEB-2008	P414563	1.2±0.9	19.9±4.6
COMB EFF	13-MAY-2008	P424852	1.7±1.2	28.8±6.3
COMB EFF	12-AUG-2008	P435078	3.5±3.2	26.4±6.3
COMB EFF	07-OCT-2008	P443480	1.8±2.0	26.4±5.6
PRI EFF	12-FEB-2008	P414568	1.5±1.0	17.4±3.5
PRI EFF	13-MAY-2008	P424857	0.7±0.7	20.1±4.3
PRI EFF	12-AUG-2008	P435083	5.1±2.9	19.4±3.8
PRI EFF	07-OCT-2008	P443485	1.5±1.4	18.0±3.5
SEC EFF	12-FEB-2008	P414573	1.8±1.1	18.0±3.6
SEC EFF	13-MAY-2008	P424862	2.0±1.3	18.1±4.7
SEC EFF	12-AUG-2008	P435088	4.1±2.4	19.2±4.0
SEC EFF	07-OCT-2008	P443490	14.9±4.5	20.7±4.8
=====	=====	=====	=====	=====

ND= Not Detected  
NA= Not Analyzed  
NS= Not Sampled

Units in picocuries/liter (pCi/L)

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)  
From 01-JAN-2008 to 31-DEC-2008

			INFLUENT	INFLUENT	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008
Analyte	MDL	Units	P414553	P424842	P435068	P443470	P414558	P424847
=====	=====	=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	35	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	25	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	80	ND	ND	<5	5
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	14	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	27	ND	ND	ND
Endrin	2	NG/L	ND	ND	9	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	42	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	7	ND	ND	ND
p,p-DDE	4	NG/L	ND	5	14	23	ND	ND
p,p-DDT	8	NG/L	ND	ND	14	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	80	60	0	0	5
DDT and derivatives	8	NG/L	0	5	35	23	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0	0
Endosulfans	6	NG/L	0	0	41	0	0	0
Heptachlors	8	NG/L	0	0	42	0	0	0
=====	=====	=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	85	187	23	0	5

ND=not detected; NS=not sampled; NA=not analyzed

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)  
From 01-JAN-2008 to 31-DEC-2008

			EFFLUENT	EFFLUENT	COMB EFF	COMB EFF	COMB EFF	COMB EFF
			12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
Analyte	MDL	Units	P435073	P443475	P414563	P424852	P435078	P443480
=====	=====	=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND	18	ND
BHC, Gamma isomer	5	NG/L	10	ND	ND	7	23	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND	10	ND
Endrin	2	NG/L	ND	ND	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND	18	ND
Toxaphene	330	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	10	0	0	7	41	0
DDT and derivatives	8	NG/L	0	0	0	0	18	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0	10	0
Heptachlors	8	NG/L	0	0	0	0	0	0
=====	=====	=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	10	0	0	7	69	

ND=not detected; NS=not sampled; NA=not analyzed

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)  
From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	PRI EFF 12-FEB-2008	PRI EFF 13-MAY-2008	PRI EFF 12-AUG-2008	PRI EFF 07-OCT-2008
			P414568	P424857	P435083	P443485
=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	9	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	24	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	10	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	9	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	24	9	0
DDT and derivatives	8	NG/L	0	0	9	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0
Heptachlors	8	NG/L	0	0	10	0
=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	24	28	0

ND=not detected; NS=not sampled; NA=not analyzed

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SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)

From 01-JAN-2008to 31-DEC-2008

			SEC EFF	SEC EFF	SEC EFF	SEC EFF	RSL	RSL
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008
Analyte	MDL	Units	P414573	P424862	P435088	P443490	P414585	P424874
=====	====	=====	=====	=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND	ND	ND	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND	ND	ND	ND	1200
Alpha (cis) Chlordane	3	NG/L	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA
Cis Nonachlor	3	NG/L	ND	ND	ND	ND	ND	ND
Dieldrin	3	NG/L	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND	ND	ND	ND	ND
Beta Endosulfan	2	NG/L	ND	ND	ND	ND	ND	ND
Endrin	2	NG/L	ND	ND	ND	ND	ND	ND
Endrin aldehyde	9	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor	8	NG/L	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND	ND	ND	ND	ND
Methoxychlor	10	NG/L	ND	ND	ND	ND	ND	ND
Mirex	10	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDD	4	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDE	5	NG/L	ND	ND	ND	ND	ND	ND
o,p-DDT	3	NG/L	ND	ND	ND	ND	ND	ND
Oxychlordane	6	NG/L	ND	ND	ND	ND	ND	ND
PCB 1016	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1221	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1232	360	NG/L	ND	ND	ND	ND	ND	ND
PCB 1242	4000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1248	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1254	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1260	2000	NG/L	ND	ND	ND	ND	ND	ND
PCB 1262	930	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDD	3	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDE	4	NG/L	ND	ND	ND	ND	ND	ND
p,p-DDT	8	NG/L	ND	ND	ND	ND	ND	ND
Toxaphene	330	NG/L	ND	ND	ND	ND	ND	ND
Trans Nonachlor	5	NG/L	ND	ND	ND	ND	ND	ND
=====	====	=====	=====	=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0	0	0	0	0
Hexachlorocyclohexanes	7	NG/L	0	0	0	0	0	1200
DDT and derivatives	8	NG/L	0	0	0	0	0	0
Chlordane + related cmpds.	6	NG/L	0	0	0	0	0	0
Polychlorinated biphenyls	4000	NG/L	0	0	0	0	0	0
Endosulfans	6	NG/L	0	0	0	0	0	0
Heptachlors	8	NG/L	0	0	0	0	0	0
=====	====	=====	=====	=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0	0	0	0	1200

ND=not detected; NS=not sampled; NA=not analyzed

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Chlorinated Pesticide Analysis, EPA Method 608 (with additions)  
From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	RSL	RSL
			12-AUG-2008 P435100	07-OCT-2008 P443502
=====	=====	=====	=====	=====
Aldrin	7	NG/L	ND	ND
BHC, Alpha isomer	7	NG/L	ND	ND
BHC, Beta isomer	3	NG/L	ND	ND
BHC, Delta isomer	3	NG/L	ND	ND
BHC, Gamma isomer	5	NG/L	ND	ND
Alpha (cis) Chlordane	3	NG/L	ND	ND
Gamma (trans) Chlordane	4	NG/L	ND	ND
Alpha Chlordene		NG/L	NA	NA
Gamma Chlordene		NG/L	NA	NA
Cis Nonachlor	3	NG/L	ND	ND
Dieldrin	3	NG/L	ND	ND
Endosulfan Sulfate	6	NG/L	ND	ND
Alpha Endosulfan	4	NG/L	ND	ND
Beta Endosulfan	2	NG/L	ND	ND
Endrin	2	NG/L	ND	ND
Endrin aldehyde	9	NG/L	ND	ND
Heptachlor	8	NG/L	ND	ND
Heptachlor epoxide	4	NG/L	ND	ND
Methoxychlor	10	NG/L	ND	ND
Mirex	10	NG/L	ND	ND
o,p-DDD	4	NG/L	ND	ND
o,p-DDE	5	NG/L	ND	ND
o,p-DDT	3	NG/L	ND	ND
Oxychlordane	6	NG/L	ND	ND
PCB 1016	4000	NG/L	ND	ND
PCB 1221	4000	NG/L	ND	ND
PCB 1232	360	NG/L	ND	ND
PCB 1242	4000	NG/L	ND	ND
PCB 1248	2000	NG/L	ND	ND
PCB 1254	2000	NG/L	ND	ND
PCB 1260	2000	NG/L	ND	ND
PCB 1262	930	NG/L	ND	ND
p,p-DDD	3	NG/L	ND	ND
p,p-DDE	4	NG/L	ND	ND
p,p-DDT	8	NG/L	ND	ND
Toxaphene	330	NG/L	ND	ND
Trans Nonachlor	5	NG/L	ND	ND
=====	=====	=====	=====	=====
Aldrin + Dieldrin	7	NG/L	0	0
Hexachlorocyclohexanes	7	NG/L	0	0
DDT and derivatives	8	NG/L	0	0
Chlordane + related cmpds.	6	NG/L	0	0
Polychlorinated biphenyls	4000	NG/L	0	0
Endosulfans	6	NG/L	0	0
Heptachlors	8	NG/L	0	0
=====	=====	=====	=====	=====
Chlorinated Hydrocarbons	4000	NG/L	0	0

ND=not detected; NS=not sampled; NA=not analyzed

"Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."



SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY

Organophosphorus Pesticides  
EPA Method 614/622 (with additions)

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	INF	INF	EFF	EFF	COMB EFF
			13-MAY-2008 P424842	07-OCT-2008 P443470	13-MAY-2008 P424847	07-OCT-2008 P443475	13-MAY-2008 P424852
Demeton O	.15	UG/L	ND	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
Dichlorvos	.05	UG/L	ND	ND	0.8	ND	0.6
Dibrom	.2	UG/L	ND	ND	ND	ND	ND
Ethoprop	.04	UG/L	ND	ND	ND	ND	ND
Phorate	.04	UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04	UG/L	ND	ND	ND	ND	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	ND	ND	ND	ND
Trichloronate	.04	UG/L	ND	ND	ND	ND	ND
Merphos	.09	UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03	UG/L	ND	ND	ND	ND	ND
Tokuthion	.06	UG/L	ND	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07	UG/L	ND	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3	UG/L	0.0	0.0	0.8	0.0	0.6

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY

Organophosphorus Pesticides  
EPA Method 614/622 (with additions)

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	COMB EFF	PRI EFF	PRI EFF	SEC EFF	SEC EFF
			07-OCT-2008 P443480	13-MAY-2008 P424857	07-OCT-2008 P443485	13-MAY-2008 P424862	07-OCT-2008 P443490
Demeton O	.15	UG/L	ND	ND	ND	ND	ND
Demeton S	.08	UG/L	ND	ND	ND	ND	ND
Diazinon	.03	UG/L	ND	ND	ND	ND	ND
Guthion	.15	UG/L	ND	ND	ND	ND	ND
Malathion	.03	UG/L	ND	ND	ND	ND	ND
Parathion	.03	UG/L	ND	ND	ND	ND	ND
Dichlorvos	.05	UG/L	0.5	ND	ND	ND	ND
Dibrom	.2	UG/L	ND	ND	ND	ND	ND
Ethoprop	.04	UG/L	ND	ND	ND	ND	ND
Phorate	.04	UG/L	ND	ND	ND	ND	ND
Sulfotepp	.04	UG/L	ND	ND	ND	ND	ND
Disulfoton	.02	UG/L	ND	ND	ND	ND	ND
Dimethoate	.04	UG/L	ND	ND	ND	ND	ND
Ronnel	.03	UG/L	ND	ND	ND	ND	ND
Trichloronate	.04	UG/L	ND	ND	ND	ND	ND
Merphos	.09	UG/L	ND	ND	ND	ND	ND
Dichlofenthion	.03	UG/L	ND	ND	ND	ND	ND
Tokuthion	.06	UG/L	ND	ND	ND	ND	ND
Stirophos	.03	UG/L	ND	ND	ND	ND	ND
Bolstar	.07	UG/L	ND	ND	ND	ND	ND
Fensulfothion	.07	UG/L	ND	ND	ND	ND	ND
EPN	.09	UG/L	ND	ND	ND	ND	ND
Coumaphos	.15	UG/L	ND	ND	ND	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND	ND	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND	ND	ND	ND
Chlorpyrifos	.03	UG/L	ND	ND	ND	ND	ND
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0	0.0	0.0	0.0
Total Organophosphorus Pesticides	.3	UG/L	0.5	0.0	0.0	0.0	0.0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY

Organophosphorus Pesticides  
EPA Method 614/622 (with additions)

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	RSL	RSL
			13-MAY-2008 P424874	07-OCT-2008 P443502
=====	===	=====	=====	=====
Demeton O	.15	UG/L	ND	ND
Demeton S	.08	UG/L	ND	ND
Diazinon	.03	UG/L	ND	ND
Guthion	.15	UG/L	ND	ND
Malathion	.03	UG/L	ND	ND
Parathion	.03	UG/L	ND	ND
Dichlorvos	.05	UG/L	ND	ND
Dibrom	.2	UG/L	ND	ND
Ethoprop	.04	UG/L	ND	ND
Phorate	.04	UG/L	ND	ND
Sulfotepp	.04	UG/L	ND	ND
Disulfoton	.02	UG/L	ND	ND
Dimethoate	.04	UG/L	ND	ND
Ronnel	.03	UG/L	ND	ND
Trichloronate	.04	UG/L	ND	ND
Merphos	.09	UG/L	ND	ND
Dichlofenthion	.03	UG/L	ND	ND
Tokuthion	.06	UG/L	ND	ND
Stirophos	.03	UG/L	ND	ND
Bolstar	.07	UG/L	ND	ND
Fensulfothion	.07	UG/L	ND	ND
EPN	.09	UG/L	ND	ND
Coumaphos	.15	UG/L	ND	ND
Mevinphos, e isomer	.05	UG/L	ND	ND
Mevinphos, z isomer	.3	UG/L	ND	ND
Chlorpyrifos	.03	UG/L	ND	ND
=====	===	=====	=====	=====
Thiophosphorus Pesticides	.15	UG/L	0.0	0.0
Demeton -O, -S	.15	UG/L	0.0	0.0
=====	===	=====	=====	=====
Total Organophosphorus Pesticides	.3	UG/L	0.0	0.0

ND=not detected; NS=not sampled; NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_INF_02	SB_INF_02	SB_INF_02	SB_INF_02
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414553	P424842	P435068	P443470
=====	=====	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	3.6	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	16.3	40.6	19.4	12.6
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Base/Neutral Compounds	10.43	UG/L	16.3	40.6	23.0	12.6

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_OUTFALL_00	SB_OUTFALL_00	SB_OUTFALL_00	SB_OUTFALL_00
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414558	P424847	P435073	P443475
=====	=====	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	5.0	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	ND	ND	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Base/Neutral Compounds	10.43	UG/L	0.0	0.0	5.0	0.0

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414563	P424852	P435078	P443480
=====	=====	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND
Isophorone	1.93	UG/L	6.1	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	2.1	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	14.2	4.9	5.9
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	11.2	ND	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Base/Neutral Compounds	10.43	UG/L	8.2	25.4	4.9	5.9

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_PRIEFF_10 12-FEB-2008 P414568	SB_PRIEFF_10 13-MAY-2008 P424857	SB_PRIEFF_10 12-AUG-2008 P435083	SB_PRIEFF_10 07-OCT-2008 P443485
=====	=====	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND*	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	18.9	ND	10.2	13.3
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Base/Neutral Compounds	10.43	UG/L	18.9	0.0	10.2	13.3

\* = Results for the analyte in this batch is below Lower Control Limits in the INT CHK and both spiked samples.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414573	P424862	P435088	P443490
=====	=====	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	12.2	ND	16.3	ND
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Base/Neutral Compounds	10.43	UG/L	12.2	0.0	16.3	0.0

ND= not detected, NA= not analyzed, NS= not sampled



SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 625

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34	SB_REC_WATER_34
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414587	P424876	P435102	P443504
=====	=====	=====	=====	=====	=====	=====
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND
Nitrobenzene	1.6	UG/L	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND*	ND
Isophorone	1.93	UG/L	ND	ND	ND	ND
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND	ND	ND
Naphthalene	1.65	UG/L	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND
Hexachlorocyclopentadiene	1.25	UG/L	ND	ND	ND	ND
2-chloronaphthalene	2.41	UG/L	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND
2,4-dinitrotoluene	1.49	UG/L	ND	ND	ND	ND
Fluorene	2.43	UG/L	ND	ND	ND	ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	ND	ND
N-nitrosodiphenylamine	3.48	UG/L	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND
N-nitrosodimethylamine	2.01	UG/L	ND	ND	ND	ND
Fluoranthene	6.9	UG/L	ND	ND	ND	ND
Pyrene	5.19	UG/L	ND	ND	ND	ND
Benzidine	1.52	UG/L	ND	ND	ND	ND
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43	UG/L	ND	ND	ND	9.9
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	ND	ND
Benzo[K]fluoranthene	7.36	UG/L	ND	ND	ND	ND
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND	ND	ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Polynuc. Aromatic Hydrocarbons	7.68	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Base/Neutral Compounds	10.43	UG/L	0.0	0.0	0.0	9.9

\* = Results for the analyte in this batch is below Lower Control Limits in the INT CHK and both spiked samples.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Base/Neutral Compounds, EPA Method 605

From 01-JAN-2008 To 31-DEC-2008

Analyte	MDL	Units	SB_RSL_10_B 12-FEB-2008 P414585	SB_RSL_10_B 13-MAY-2008 P424874	SB_RSL_10_B 12-AUG-2008 P435100	SB_RSL_10_B 07-OCT-2008 P443502
=====	=====	=====	=====	=====	=====	=====
Benzidine	1.52	UG/L	ND	ND	NR	NR
3,3-dichlorobenzidine	2.44	UG/L	ND	ND	NR	NR
=====	=====	=====	=====	=====	=====	=====

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

From 01-JAN-2008to 31-DEC-2008

Analyte:	MDL	Units	INFLUENT	INFLUENT	INFLUENT	INFLUENT
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414553	P424842	P435068	P443470
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	28.3	30.2	32.0	35.8
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	4.22	UG/L	109.0	100.0	75.1	107.0
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	28.3	30.2	32.0	35.8
=====	=====	=====	=====	=====	=====	=====
Total Phenols	6.07	UG/L	28.3	30.2	32.0	35.8

Analyte:	MDL	Units	EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414558	P424847	P435073	P443475
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	ND	32.7	18.0	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	4.22	UG/L	ND	7.5	34.9	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	0.0	32.7	18.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Phenols	6.07	UG/L	0.0	32.7	18.0	0.0

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

From 01-JAN-2008to 31-DEC-2008

Analyte:	MDL	Units	COMB EFF	COMB EFF	COMB EFF	COMB EFF
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414563	P424852	P435078	P443480
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	29.4	48.6	19.2	21.4
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	4.22	UG/L	82.3	14.1	3.0	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	29.4	48.6	19.2	21.4
=====	=====	=====	=====	=====	=====	=====
Total Phenols	6.07	UG/L	29.4	48.6	19.2	21.4

Analyte:	MDL	Units	PRI EFF	PRI EFF	PRI EFF	PRI EFF
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414568	P424857	P435083	P443485
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	4.5	5.3	1.9	2.1
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	4.22	UG/L	4.8	11.4	3.1	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	4.5	5.3	1.9	2.1
=====	=====	=====	=====	=====	=====	=====
Total Phenols	6.07	UG/L	4.5	5.3	1.9	2.1

ND= not detected, NA= not analyzed NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
ACID EXTRACTABLE COMPOUNDS, EPA Method 625

From 01-JAN-2008to 31-DEC-2008

Analyte:	MDL	Units	SEC EFF	SEC EFF	SEC EFF	SEC EFF
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414573	P424862	P435088	P443490
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	ND	ND	ND	ND
2,4-dichlorophenol	1.95	UG/L	ND	ND	ND	ND
4-chloro-3-methylphenol	1.67	UG/L	ND	ND	ND	ND
2,4,6-trichlorophenol	1.75	UG/L	ND	ND	ND	ND
Pentachlorophenol	5.87	UG/L	ND	ND	ND	ND
Phenol	2.53	UG/L	ND	ND	ND	ND
2-nitrophenol	1.88	UG/L	ND	ND	ND	ND
2,4-dimethylphenol	2.01	UG/L	ND	ND	ND	ND
2,4-dinitrophenol	6.07	UG/L	ND	ND	ND	ND
4-nitrophenol	3.17	UG/L	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol	4.29	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)	4.4	UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	4.22	UG/L	ND	ND	ND	ND
2,4,5-trichlorophenol	1.66	UG/L	ND	ND	ND	ND
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Phenols	6.07	UG/L	0.0	0.0	0.0	0.0

Analyte:	MDL	Units	RSL	RSL	RSL	RSL
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414585	P424874	P435100	P443502
=====	=====	=====	=====	=====	=====	=====
2-chlorophenol	1.76	UG/L	<13.4	<15.7	<12.6	<13.0
2,4-dichlorophenol	1.95	UG/L	<14.8	<17.4	<9.7	<10.0
4-chloro-3-methylphenol	1.67	UG/L	<10.2	<12.0	<16.0	<16.5
2,4,6-trichlorophenol	1.75	UG/L	<13.3	<15.6	<15.8	<16.3
Pentachlorophenol	5.87	UG/L	<44.6	<52.4	<10.7	<11.0
Phenol	2.53	UG/L	58.4	154.0	126.0	102.0
2-nitrophenol	1.88	UG/L	<14.3	<16.8	<14.8	<15.3
2,4-dimethylphenol	2.01	UG/L	<10.0	<11.8	<19.2	<19.8
2,4-dinitrophenol	6.07	UG/L	<46.1	<54.2	<20.6	<21.3
4-nitrophenol	3.17	UG/L	<24.1	<28.3	<10.9	<11.2
2-methyl-4,6-dinitrophenol	4.29	UG/L	<32.6	<38.3	<14.5	<15.0
=====	=====	=====	=====	=====	=====	=====
2-methylphenol	2.15	UG/L	<11.5	<13.5	<20.5	<21.2
3-methylphenol(4-MP is unresolved)	4.4	UG/L	NA	NA	NA	NA
4-methylphenol(3-MP is unresolved)	4.22	UG/L	142.0	330.0	397.0	327.0
2,4,5-trichlorophenol	1.66	UG/L	<12.6	<14.8	<15.9	<16.4
=====	=====	=====	=====	=====	=====	=====
Total Chlorinated Phenols	5.87	UG/L	0.0	0.0	0.0	0.0
Total Non-Chlorinated Phenols	6.07	UG/L	58.4	154.0	126.0	102.0
=====	=====	=====	=====	=====	=====	=====
Total Phenols	6.07	UG/L	58.4	154.0	126.0	102.0

ND= not detected, NA= not analyzed NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

From 01-JAN-2008 to 31-DEC-200

Analyte	MDL	Units	SB_INF_02	SB_INF_02	SB_INF_02	SB_INF_02
			13-FEB-2008	14-MAY-2008	12-AUG-2008	07-OCT-2008
			P414556	P424845	P435071	P443473
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
Chloromethane	1	UG/L	ND	ND	8.6	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.1	4.9*	1.9	1.6
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND
Chloroform	1	UG/L	4.2	3.1	8.2	3.4
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
Toluene	1	UG/L	ND	0.8	0.8	0.7
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.3	1.4	2.1*	2.1*
1,2-dichlorobenzene	1	UG/L	ND	ND	ND*	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	8.6	0.0
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	1	UG/L	6.3	3.1	18.7	5.0
Purgeable Compounds	13.8	UG/L	7.6	5.3	21.6	7.8
Methyl Iodide	1	UG/L	ND	ND	ND	ND
Carbon disulfide	1	UG/L	ND	3.0	3.6	0.9
Acetone	20	UG/L	111.0	174.0	134.0	197.0
Allyl chloride	1	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	7.7
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND
Styrene	4.7	UG/L	ND	0.5	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND

\* = Batch did not meet QC criteria, blank contamination, the blank value for this batch was above MDL.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	SB_OUTFALL_00	SB_OUTFALL_00	SB_OUTFALL_00	SB_OUTFALL_00
			13-FEB-2008	14-MAY-2008	12-AUG-2008	07-OCT-2008
			P414561	P424850	P435076	P443478
=====	=====	=====	=====	=====	=====	=====
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
Chloromethane	1	UG/L	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND
Methylene chloride	1	UG/L	ND	4.4*	1.4	1.6
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND
Chloroform	1	UG/L	1.7	2.9	3.6	1.3
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	0.6
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
Toluene	1	UG/L	ND	14.8	6.2	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	0.7	0.9	ND
Bromoform	1	UG/L	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	0.8	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	ND	3.2	2.6*	1.0*
1,2-dichlorobenzene	1	UG/L	ND	ND	ND*	ND
=====	=====	=====	=====	=====	=====	=====
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Chloromethanes	1	UG/L	1.7	2.9	5.0	2.9
=====	=====	=====	=====	=====	=====	=====
Purgeable Compounds	13.8	UG/L	1.7	22.4	14.7	4.5
Methyl Iodide	1	UG/L	ND	ND	ND	ND
Carbon disulfide	1	UG/L	ND	1.6	5.0	ND
Acetone	20	UG/L	ND	561.0	333.0	ND
Allyl chloride	1	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	<0.4	0.4	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	21.6	6.7	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	2.3	ND
meta,para xylenes	3.1	UG/L	ND	2.8	3.7	ND
ortho-xylene	3.4	UG/L	ND	2.3	2.3	ND
Isopropylbenzene	4.4	UG/L	ND	0.7	0.4	ND
Styrene	4.7	UG/L	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND

\* = Batch did not meet QC criteria, blank contamination, the blank value for this batch was above MDL.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF	SB_ITP_COMB_EFF
			13-FEB-2008	14-MAY-2008	12-AUG-2008	07-OCT-2008
			P414566	P424855	P435081	P443483
=====	=====	=====	=====	=====	=====	=====
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
Chloromethane	1	UG/L	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND
Methylene chloride	1	UG/L	3.0	4.8*	2.7	2.1
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND
Chloroform	1	UG/L	8.8	2.2	4.0	4.1
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
Toluene	1	UG/L	21.4	6.7	9.8	11.2
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	1.3	1.5	1.1	ND
Dibromochloromethane	1	UG/L	<1.0	1.4	0.9	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND
Ethylbenzene	1	UG/L	1.9	1.0	2.2	3.9
Bromoform	1	UG/L	ND	0.6	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	0.8	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	4.0	4.8	5.2*	4.7*
1,2-dichlorobenzene	1	UG/L	ND	ND	ND*	ND
=====	=====	=====	=====	=====	=====	=====
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.6	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	0.0
=====	=====	=====	=====	=====	=====	=====
Total Chloromethanes	1	UG/L	11.8	2.2	6.7	6.2
=====	=====	=====	=====	=====	=====	=====
Purgeable Compounds	13.8	UG/L	40.4	19.0	20.7	21.3
Methyl Iodide	1	UG/L	ND	ND	ND	ND
Carbon disulfide	1	UG/L	1.8	2.6	4.8	3.1
Acetone	20	UG/L	373.0	1010.0	705.0	584.0
Allyl chloride	1	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	0.6	0.6	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	8.1	35.5	13.7	152.0
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	27.8	2.4
meta,para xylenes	3.1	UG/L	8.3	4.4	10.1	17.5
ortho-xylene	3.4	UG/L	5.9	4.7	6.2	10.7
Isopropylbenzene	4.4	UG/L	ND	1.4	0.5	1.5
Styrene	4.7	UG/L	ND	ND	ND	0.5
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND

\* = Batch did not meet QC criteria, blank contamination, the blank value for this batch was above MDL.

ND= not detected, NA= not analyzed, NS= not sampled



SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10	SB_PRIEFF_10
			13-FEB-2008	14-MAY-2008	12-AUG-2008	07-OCT-2008
			P414571	P424860	P435086	P443488
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
Chloromethane	1	UG/L	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND
Methylene chloride	1	UG/L	1.3	2.4*	1.1	47.7
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND
Chloroform	1	UG/L	2.7	3.3	3.9	1.6
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
Toluene	1	UG/L	ND	0.8	0.6	0.5
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	ND	1.7	1.3*	1.3*
1,2-dichlorobenzene	1	UG/L	ND	ND	ND*	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	1	UG/L	4.0	3.3	5.0	49.3
Purgeable Compounds	13.8	UG/L	4.0	5.8	5.6	49.8
Methyl Iodide	1	UG/L	ND	ND	ND	ND
Carbon disulfide	1	UG/L	1.8	1.8	2.6	2.5
Acetone	20	UG/L	211.0	216.0	247.0	541.0
Allyl chloride	1	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	4.5	6.4	6.3	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND
Styrene	4.7	UG/L	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND

\* = Batch did not meet QC criteria, blank contamination, the blank value for this batch was above MDL.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

From 01-JAN-2008to 31-DEC-2008

Analyte	MDL	Units	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20	SB_SEC_EFF_20
			13-FEB-2008	14-MAY-2008	12-AUG-2008	07-OCT-2008
			P414576	P424865	P435091	P443493
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
Chloromethane	1	UG/L	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND
Methylene chloride	1	UG/L	ND	2.0*	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND
Chloroform	1	UG/L	1.6	0.8	0.8	0.6
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
Toluene	1	UG/L	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	ND	ND	0.8*	1.2*
1,2-dichlorobenzene	1	UG/L	ND	ND	0.5*	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	1	UG/L	1.6	0.8	0.8	0.6
Purgeable Compounds	13.8	UG/L	1.6	0.8	0.8	0.6
Methyl Iodide	1	UG/L	ND	ND	ND	ND
Carbon disulfide	1	UG/L	ND	ND	ND	ND
Acetone	20	UG/L	ND	ND	14.0	ND
Allyl chloride	1	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND
Styrene	4.7	UG/L	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND

\* = Batch did not meet QC criteria, blank contamination, the blank value for this batch was above MDL.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Priority Pollutants Purgeable Compounds, EPA Method 624 & 8260B

From 01-JAN-2008 to 31-DEC-2008

Analyte	MDL	Units	SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B	SB_RSL_10_B
			12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
			P414585	P424874	P435100	P443502
Dichlorodifluoromethane		UG/L	ND	ND	ND	ND
Chloromethane	1	UG/L	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND
Chloroethane	1	UG/L	ND	ND	ND	ND
Trichlorofluoromethane	1	UG/L	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.7	5.8*	1.8	2.6
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND
Chloroform	1	UG/L	5.2	4.8	4.3	3.2
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	ND	ND	ND
2-chloroethylvinyl ether	1.1	UG/L	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
Toluene	1	UG/L	7.7	3.2	4.2	1.3
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND
1,1,2-trichloroethane	1	UG/L	ND	1.7	1.3	ND
Tetrachloroethene	1.1	UG/L	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	ND	ND	ND
Chlorobenzene	1	UG/L	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND
Bromoform	1	UG/L	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND
1,3-dichlorobenzene	1	UG/L	ND	ND	ND	ND
1,4-dichlorobenzene	1	UG/L	1.5	1.9	2.1*	1.9
1,2-dichlorobenzene	1	UG/L	ND	ND	ND*	ND
Halomethane Purgeable Cmpnds	1	UG/L	0.0	0.0	0.0	0.0
Total Dichlorobenzenes	1	UG/L	0.0	0.0	0.0	0.0
Total Chloromethanes	1	UG/L	7.9	4.8	6.1	5.8
Purgeable Compounds	13.8	UG/L	17.1	11.6	11.6	9.0
Methyl Iodide	1	UG/L	ND	ND	ND	ND
Carbon disulfide	1	UG/L	6.0	9.8	3.2	1.0
Acetone	20	UG/L	305	348	86.8	83.2
Allyl chloride	1	UG/L	ND	ND	ND	ND
Methyl tert-butyl ether	1	UG/L	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND
2-butanone	6.3	UG/L	15.5	15.7	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND
2-nitropropane	12	UG/L	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	0.9	ND	0.7
ortho-xylene	3.4	UG/L	ND	0.4	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND
Styrene	4.7	UG/L	ND	1.3	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND
1,2,4-trichlorobenzene	4.9	UG/L	ND	ND	ND	ND

\* = Batch did not meet QC criteria, blank contamination, the blank value for this batch was above MDL.

ND= not detected, NA= not analyzed, NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Tributyl Tin Analysis  
From 01-JAN-2008 To 31-DEC-2008

			INFLUENT	INFLUENT	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
Analyte	MDL	Units	12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008	12-AUG-2008
=====	===	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

			EFFLUENT	COMB EFF	COMB EFF	COMB EFF	COMB EFF	PRI EFF	PRI EFF
Analyte	MDL	Units	07-OCT-2008	12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008
=====	===	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND	ND

			PRI EFF	PRI EFF	SEC EFF	SEC EFF	SEC EFF	SEC EFF
Analyte	MDL	Units	12-AUG-2008	07-OCT-2008	12-FEB-2008	13-MAY-2008	12-AUG-2008	07-OCT-2008
=====	===	=====	=====	=====	=====	=====	=====	=====
Dibutyltin	7	UG/L	ND	ND	ND	ND	ND	ND
Monobutyltin	16	UG/L	ND	ND	ND	ND	ND	ND
Tributyltin	2	UG/L	ND	ND	ND	ND	ND	ND

ND=not detected  
NS=not sampled  
NA=not analyzed

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Dioxin and Furan Analysis

From 01-JAN-2008 to 31-DEC-2008

Analytes	MDL	Units	Equiv.	INFLUENT	INFLUENT	EFFLUENT	EFFLUENT	INFLUENT
				TCDD	TCDD	TCDD	TCDD	
				12-FEB-2008	12-FEB-2008	12-FEB-2008	12-FEB-2008	13-MAY-2008
				P414553	P414553	P414558	P414558	P424842
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	INFLUENT	EFFLUENT	EFFLUENT	INFLUENT	INFLUENT
				TCDD	TCDD	TCDD	TCDD	TCDD
				13-MAY-2008	13-MAY-2008	13-MAY-2008	12-AUG-2008	12-AUG-2008
				P424842	P424847	P424847	P435068	P435068
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Dioxin and Furan Analysis

From 01-JAN-2008to 31-DEC-2008

Analytes	MDL	Units	Equiv.	EFFLUENT TCDD 07-OCT-2008 P443475
=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	500	PG/L	1.000	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND
octa CDD	1000	PG/L	0.001	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND
octa CDF	1000	PG/L	0.001	ND

Above are permit required CDD/CDF isomers.

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Dioxin and Furan Analysis

From 01-JAN-2008to 31-DEC-2008

Analytes	MDL	Units	Equiv.	COMB EFF	COMB EFF	PRIMARY EFF	PRIMARY EFF	COMB EFF
				TCDD		TCDD		13-MAY-2008
				12-FEB-2008	12-FEB-2008	12-FEB-2008	12-FEB-2008	
				P414563	P414563	P414568	P414568	P424852
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	COMB EFF	PRIMARY EFF	PRIMARY EFF	COMB EFF	COMB EFF
				TCDD		TCDD		12-AUG-2008
				13-MAY-2008	13-MAY-2008	13-MAY-2008	12-AUG-2008	
				P424852	P424857	P424857	P435078	P435078
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.

ND= not detected

NA= not analyzed

NS= not sampled

SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Dioxin and Furan Analysis

From 01-JAN-2008to 31-DEC-2008

Analytes	MDL	Units	Equiv.	PRIMARY EFF	PRIMARY EFF	COMB EFF	COMB EFF	PRIMARY EFF
				12-AUG-2008	12-AUG-2008	07-OCT-2008	07-OCT-2008	07-OCT-2008
				P435083	P435083	P443480	P443480	P443485
=====	=====	=====	=====	=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	PRIMARY EFF
				TCDD
				07-OCT-2008
=====	=====	=====	=====	P443485
2,3,7,8-tetra CDD	500	PG/L	1.000	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND
1,2,3,4,7,8-hexa CDD	500	PG/L	0.100	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND
octa CDD	1000	PG/L	0.001	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND
octa CDF	1000	PG/L	0.001	ND

Above are permit required CDD/CDF isomers.

ND= not detected  
NA= not analyzed  
NS= not sampled



SOUTH BAY WATER RECLAMATION PLANT  
ANNUAL SLUDGE PROJECT SUMMARY  
Dioxin and Furan Analysis

From 01-JAN-2008to 31-DEC-2008

Analytes	MDL	Units	Equiv.	SEC EFF	SEC EFF	SEC EFF	SEC EFF	SEC EFF
				TCDD		TCDD		12-AUG-2008
				12-FEB-2008	12-FEB-2008	13-MAY-2008	13-MAY-2008	
				P414573	P414573	P424862	P424862	P435088
=====	=====	=====	=====	=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND	ND	ND

Analytes	MDL	Units	Equiv.	SEC EFF	SEC EFF	SEC EFF
				TCDD		07-OCT-2008
				12-AUG-2008	07-OCT-2008	
				P435088	P443490	P443490
=====	=====	=====	=====	=====	=====	=====
2,3,7,8-tetra CDD	500	PG/L	1.000	ND	ND	ND
1,2,3,7,8-penta CDD	500	PG/L	0.500	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDD	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	500	PG/L	0.010	ND	ND	ND
octa CDD	1000	PG/L	0.001	ND	ND	ND
2,3,7,8-tetra CDF	250	PG/L	0.100	ND	ND	ND
1,2,3,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND
2,3,4,7,8-penta CDF	500	PG/L	0.050	ND	ND	ND
1,2,3,4,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,7,8,9-hexa CDF	500	PG/L	0.100	ND	ND	ND
2,3,4,6,7,8-hexa CDF	500	PG/L	0.100	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	500	PG/L	0.010	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	500	PG/L	0.010	ND	ND	ND
octa CDF	1000	PG/L	0.001	ND	ND	ND

Above are permit required CDD/CDF isomers.

ND= not detected  
NA= not analyzed  
NS= not sampled

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